

1796S/p

VERMICULARS DESTROYED:

WITH AN Historical Account OF WORMS

Containing Fifteen CHAPTERS.

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By R. CLARK, Chymist,
Living at the Golden Ball in Devonshire-street, without Bishops-Gate.

The Ninth Impression.

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ADVERTISEMENT.

A Never failing Cure for an Ague, by the Use of Four Plaisters only, by applying Two to each Arm ; which is very easie for the Patient, nothing being to be taken inwardly. These never failing Plaisters to be Sold for One Shilling *per* Plaister.

Cholick Pills, Three Doses Cure effectually, though they have languished under that Distemper a considerable time ; to be taken as followeth, *viz.* Five in the Morning Fasting ; and when they begin to Operate, take a Mess of Water-gruel, without any Salt, as often as it Operates ; and Eat nothing that is Salt that Day, but keep very Warm that Day, and the next : And by taking Three Doses after this manner, every other Day, it effectually Cures.



T O T H E
R E A D E R.

THIS is the Ninth Impression of this Book, in Twelve Years time ; and in every Impression I have given you an Account of several sorts of Worms, that my Powders have brought away : So in this I mention not above Two or Three that are spoken of in any of my former Books ; for should I expose them all in one Book, it would require several Sheets of Paper more, which would be rather a Prolixity than a Delight to the Reader. And as in my former Books I have given you the Cuts of many strange Worms, treated on by divers Learned and Worthy Authors ; so in this I have presented you with the Resemblance, as near as I could have them Cut, of some strange Worms, which have been destroyed by my Powders ; and likewise of Two common Worms more, besides the Bag, which no Author, either Ancient, Neoretick or Modern, ever yet writ of. And I wish all Persons would be so kind as to bring, or send, what strange Worms they avoid by taking of my Powder, it being a Publick Good : For I insert no Persons Name in my Book, unless it be their own desire. I shall

A 2

only

only add this in the behalf of my Powder (which hath been experienced by Thousands, both Young and Old for near Twelve Years last past) That it is the only thing yet known to kill Worms, and to destroy the Verminous, Corrupt, Putrid Humours, which are the Introducers of most Diseases, and is so gentle in its Operation, and agreeable with Nature, that it seldom makes an Infant sick. In short, it sweetens and enriches the whole Mass of Blood, and reaches most Diseases where Purging Medicines can prevail, if taken in any quantity, and gives People full satisfaction whether their Bodies are a Seminary for such destructive Vermin, whose fatal Proceedings I do advise all to prevent in time, and stand not still dull Spectators, while Nature is worsted on unequal Terms.

I shall only add this, That of late I have highly improved my Powder, which those that have taken it formerly, and are to take it now, will be quickly sensible of, to their great Satisfaction and Advantage. And such as cannot take Powders, I have prepared for them a Tincture made of my Powder, which is of the same Operation and Efficacy.

Also a Powder that is not bitter, which I call my Vegetable Powder, being made all of English Herbs, Roots and Seeds: It Purges as well as the former, and is as powerful in all respects,

Tours,

R. Clark.

Vermiculars.

DESTROYED;

WITH AN

Historical Account

OF

WORMS.

CHAP. I.

*The Matter and Origination of Worms, whence they are
Ingendred, and of what Humours.*

WORMS most commonly proceed, *Viz.* from Putrid, Dr. Ramsey
Vitious and Gross, *Viscid*, Corrupt Matter, of what
Nature soever, having a Vital Principle in it self
apt for Generation.

Some will not allow *Choler* to produce *Worms*, by reason of
its Bitterness, and yet own it to be subject to Putrifaction: If so,
Worms will be ingendred of it, as well as of any other Humour:
For it is manifest, that *Rue*, *Wormwood*, &c. the Bitterest of
Herbs, when putrify'd, will be animated into *Worms*: Also the
sharpest

sharpest *Vinegar* and the bitterest *Galls*: Therefore *Choler* when putrified, may animate Worms as well as *Flegm*, but not so frequently.

And according as the Humour putrify'd in us is either simple, or compound, Hot, Cold, Moist, Dry, Bitter, Sweet, Acid, &c. and the part affected is disposed, as to its Degree of Heat, or Moisture, various Kinds of Worms are ingendred in us.

Children abounding with Vitious *Humours*, having a moist kind of Heat, or a putrid Heat joined with Moisture, which is the efficient Cause of Worms.

Besides these Humours, Worms may sometimes be ingendred of the very *Chyle* and Aliment of the Body, being mixed with putrid and excrementitious *Humours*; especially in such Bodies as have no good Digestion, and in whom the *Meseraick Veins* are deficient in their attractive Virtue, and in such as Eat and Drink immoderately, before the former Sustenance be Concocted: For thus the crude and half digested *Chyle*, being mixed with what is well Maturated, descend both into the Intestines, for want of being duly attracted by the *Meseraicks*; and so mixing themselves with the Excrements, putrifie; and by the Heat of the place are converted into these *Animals*.

Again, They may have their Origination in us, by *Contagion*, from certain animated Effluvia's, or Vermicular Atome-like Corpuscles, or Ferments, which flow out of Gross corrupted Bodies, and fly through the Air; whereby they are communicated to Bodies capable of, and fitted to receive such Impressions, and so by their evil and venomous Ferment are inserted, and many times lurk in our Bodies.

The Learned Sir *Kenelm Digby* hath sufficiently proved these small Bodies, call'd Atoms; that whoever denies, must first deny his own Sense. I would entertain you (saith he) with the strange subtilty of Little Bodies, which issue forth from Living Bodies; by means whereof our Dogs in *England* will pursue the Scent of a Mans Steps, or of a Beast many Miles. To this I may add, what I have seen, That that *Dog*, called a *Blood-Hound*, will in a Fore-reft lead a Keeper to find out a Deer stealer, without laying his Nose to the Ground to scent the Steps, but only by holding up his Nose in the Air, snuffing up, and taking those Effluvia's which flow from the Person that is under pursuit.

of Worms
and of the
Blood-
Hound.

An Eminent Physician tells us, That Worms are generated of all manner of Humours, and of several Shapes, not only in the Bowels, but in every other part of the Body; and that they frequently appear in Agues, Feavers, and all manner of Diseases: By reason Humours are more vitiated, and a more poisonous putredinous Disposition or Corruption is introduced into Mens Bodies, than what was wont to be in former Times.

He says, That in the Year 1662. a new sort of Quartan Ague M.N. Med. reigned in and about London, and other Parts, which had in it all London. the Tokens of Malignity; and from most, that he himself had in Cure, he brought away abundance of Worms, and then they presently mended.

The like course he took with that continual Feaver, which raged in the Country, 1661. and procured plentiful Excreffions of Worms out of the Bodies of Children, to Persons of Seventy years of Age: And that Year he found Worms, that made their own way into the World, through the Bowels and Sides of the Persons that bred them, and this without damage; nothing but a little Fresh Butter being used to the Orifice, to make all whole again. Worms that made their way into the World.

Further he tells us, Let the Disease be what it will, he apply'd such Medicines as would carry off the Wormatick Matter, if there should be no Worms to kill: This he found, tho' the matter do not sometimes breed the Animals, yet as long as the Wormatick Cadaverous Humour and Matter remain in being within the Body, so long the Body languisheth, and sometimes will have all the Symptoms that attend Worms actually existent; and no Cure of the main Disease, with which 'tis complicated, will go forward, till that Verminous Humour or Matter be extinguished, or removed.

We see, that the Earth, out of I know not what putredinous matter in its own Bowels, doth produce not only Insects of all sorts, but also various Monsters of venomous Creatures: As Serpents, Toads, Dragons, in Dens and Caves of Mountains, which have their Original from Moisture, and a various mixture of virulent Dregs and Slime. The like are produced out of Ponds, Lakes, and Marshes, by the heat of the Ambient Air, working upon a Conflux of the Terrestrial Parts; yea, Water it self kept in a close Vessel, and exposed to the Sun, is quickly animated into Worms; as is seen by daily Experience, both in Voyages at Sea, and within the Walls of our own Private Houses. The Generation of Serpents, Toads and Dragons.

Moreover,

Air, Hail,
and Snow
produce
Worms.

Moreover, *Water* elevated by *Vapour*, *Air*, *Hail*, *Snow*, produce *Worms*. *Pliny* saith so of *Snow*, in his Book, *De Divinis Nat. Charact.* And *Cornelius Gemma* of *Hail*, in *Lib. de Arte Metallica*. As much is said of *Air*, by *Georgius Agricola*; and the sudden Generation of *Worms*, *Frogs*, and *Insects* (which have come down with *Rain* upon the *Earth*) doth confirm it. There is also scarce a *Stick* or *Fruit*, or any other mix'd Body, which doth not produce some *Animal*, which disposeth that to Destruction which begot it: According to that of *Lucretius*;

—————*Obnoxia cuncta putrori
Corpora, putrores insecta Animata sequuntur.*

Frogs and
Toads fall
down with
Rain.

At *Beverly* in *Yorkshire*, on the 28th of *August* 1660, there was seen in the *Market-place*, and other Places, an innumerable Company of young *Frogs* and *Toads*, the People not knowing from whence they came, but are supposed to come out of the *Air* in the Night, by reason the tops of the Houses were covered with them, *Prodigie*, page 41.

How they
may be Ge-
nerated in
the Air.

Worms and *Frogs* may thus be Generated. The fat *Exhalations* are drawn up in the *Air* by a temperature of *Hot* and *Moist*: Such *Vermin* may be Generated in the *Air*, as they are on *Earth*, without Copulation of *Male* and *Female*. Or else that with the *Exhalations* and *Vapours*, their *Seeds* or *Eggs* are drawn up, which being in the *Clouds* drawn to Form, fall down among the *Rain*. He that hath seen an *Egg-shell*, full of *Dew*, drawn up by the *Sun* into the *Air*, in a *May* Morning, will not think it strange.

CHAP. II.

The Parts Affected.

Dr. Ramsey

IF the Matter of *Worms* be thick, gross, viscid, and putrid Humours, joined with Heat and Moisture, and so quickned and rendred apt to receive a vital Property, and if they be ingendred of every Humour (as you have heard) what part of the Body of Man can be free?

Forests

Forestus gives us an Instance of one wickedly vex'd with the *Head*. *Head-ach*, which no means easing, he commanded the *Sutures* of his *Cranium* should be opened, there was found on the *Dura Matter* an ill-favoured Black Worm, in shape resembling a Wheezele, which being removed, his Pain ceased.

That the Brain will be molested, may be seen in those *Authors* *Brain*. recited by *Mercellus Donatus*, and also in this Book, where I treat on the Plague.

Forestus affirms, He saw *Worms* of a strange shape, that a *Nostrils*. *Wench* voided from her *Nostrils*; and the same I have seen my self.

Ears affected: *Galen* and *Dioscorides* have written at large of *Ears*. this; and especially where there are, or have been *Ulcers*, *Imposthumes*, and the like.

I know a Woman now Living, who hath had many *Worms* *Eyes*. come from her *Eyes*, like *Lice*, of which I shall give you a further Account.

Aloysius Mundela doth sufficiently prove, and I have known *Lungs*. some my self, who have had them crawl up their Throats, so that they have spit them out of their Mouths; but this hath been when the *Lungs* have been ulcerated.

This is attested by *Cornelius Gemma* and *Gabusinus*: Also *Hollerius* *Liver*. writes of a Man he dissected, and found a multitude of *Worms* in his *Liver*, which were the Cause of his unknown Disease.

That the *Bladder* may be affected; *Riverius* mentions one who *Bladder*. voided many *Worms* by *Urin*, *Black*, *Horned*, and *Friable*. Also *Rondeletius* and *Argenterius* have Examples of this Truth: And with my Powder I have brought away *Worms* by *Urin* from above 20 several Persons.

This very often may be seen, if taken notice on by such as *Heart*. have the *Venerial Distemper*, and sometimes in others through *Weakness*.

This is proved by *Mesues*, *Hebenstreit*, *Pendemont*, and *Sennertus* *Sperm*. and here at home by Doctor *May*, and the Gentlewoman at *Westminster*, whose *Heart* being opened, there was found in it a Worm with two Heads, of which you may see more at large in the following Sheet.

*Musclely
Parts.*

That the *Musclely Parts* may be affected, doth sufficiently appear by *Scolgius* in his Epistle, with many more Authors of Note.

Skin.

That the *Skin* is affected is manifested to all People, we daily seeing in such Faces as are subject to Heat and Pimples, small White *Worms*, with Black Heads, which they squeeze out with their Nails; and sometimes they appear in Faces that are very smooth.

Flesh.

Theob. Cneulinus tells us of one about Forty years of Age, who having a Swelling about his Grine, and at last breaking out of its own accord, together with much *Corruption*, there issued out Three great *Worms*.

And not many Years since in this Kingdom, a Country-man being direfully molested with a violent Swelling in his Thigh, and having tried all Means that could possibly be thought on, without any effect, lay in a despairing miserable Condition: A Mountebank coming to the Town where he lived, launced the Swelling, out of which came a great ugly Black *Worm*, all over hairy, having many Feet. The Wound being healed, the Man returned to his former Health and Strength.

Intrails.

Felix Platerus mentions one about 20 Years of Age, in whose Intrails, after he was dead, was found innumerable company of *Worms*, yet notwithstanding all the time he lived, he seemed to be in good Health.

And too many such Examples have we in this Age, but few do imagine that we carry about with us an Off-spring of *Animals*, begotten out of our own Blood and Bowels.

Hollerius saith, he hath with a *Microscope*, examined the Blood of Men sick of Feavers, which hath satisfy'd him over and over of the Business; for viewing the Blood an Hour or Two after opening of Veins; I have (saith he) found it full of *Worms*, that it hath made me also astonished: So that we may say with *Job*, I said to Corruption thou art my Father, and to the Worm, thou art my Mother and my Sister.

C H A P. III.

*Our Lives divided into Seven Ages, all which are subject to
W O R M S.*

I. **R** Hodeginus divides our Lives into *Seven Ages*, alluding to the *Seven Planets* : We may fitly compare our *Infancy* with the *Moon*, in which we seem only to live and grow as *Planets*, and abound with *Humours*.

II. The *Second Age* to *Mercury*, wherein we are under *Tuition*, taught, and instructed.

III. The *Third* to *Venus*, the time of *Pleasure*, amorous *Love-sick Toys*, *Vanity*, &c.

IV. The *Fourth* to the *Sun*, the *Summer-time* of our *Lives*, *Strong*, *Beautiful* and *Flourishing*.

V. The *Fifth* to *Mars*, in which we seek *Honour*, *Victory*, and have *Ambitious Ends*, designing to accomplish somewhat *Praise-worthy*, or to act what may redound to our *Glory*.

VI. The *Sixth* to *Jupiter* ; where we judge our selves and others, of former *Actions*, and take an account of *Times*, arrive to the perfection of our *Judgments*, *Understanding*, *Reason*, &c.

VII. The *Seventh* and *last* to *Saturn*, the *Winter* of our days, wherein our *Spirits*, *Lives*, and *Souls* are obfuscated, overcast, and clouded ; all fraught with a multitude of *Cares*, *Sorrows*, *Fears*, and *Anxieties* ; a burden to our selves, a trouble to others, overspread with innumerable *Aches*, *Pains*, *Infirmities*, and *Weakness*, fit for no *Society* or *Employment*, but only to keep our *Heirs* from inheriting our *Possessions* ; which by how much the greater they are, by so much the more is our *End* and *Dissolution* hoped and wished for, even by those which drew *Life* and *Being* from us ; which is *Vanity* in the *Abstract*, and a great *Evil*, if not the greatest ; and this is the end of all our *Labours* under the *Sun*.

And in all these *Ages* we are, or may be *mascerated* with *Worms*. But here I shall only treat on the *First* and the *Last*, there being daily *Examples* of the other *Five*.

Infancy, according to some *Authors*, commenceth at their Birth, and ends at the Seventh year of their Age: But in the Directions for the taking of my *Powder*, I comprehend *Infancy* from the time of their Birth, to the breeding of their Teeth, which is usually Seven or Eight Months, in some a Year, or more, but that's rare.

Infants
molested.

Forestus hath an Instance of an *Infant* at *Delph* in *Holland*, miserably macerated with *Worms*, which there was thought wonderful; but in this Kingdom, and in this Age, such Examples are more common; and all by reason of Putrid Milk, which increaseth as the Child doth, by the Corruption of the Food it takes, even till it's dilated through the whole Intraills.

The Decrepid, Declining and Last Age is, from the Forty Ninth to the End of a Man's Life, it being the Seventh, and Clymaeterical: But according to the Subject of my Discourse, it commenceth at Sixty Three, the Grand Clymaeterical Year, so fatal to most Men, till which time a Man is serviceable both in Church and State.

Old Age
molested.

Valescus de Tarenta attests, He oft' had seen Old People have Worms. And *Gabucinus* mentions an Ancient Man, who evacuated a Monstrous Black Worm.

Brasavorius reports of a Patient of his, a Man of above Four-score Years of Age, which voided above Five Hundred Worms: and Dr. *Ramsley* had a Patient within Two Months of Four-score, a Woman, that voided such a Company of Worms by a Medicine he gave her, that they were innumerable, and adjudged to be some Thousands, of divers sorts and magnitude, especially *Tere-tes* and *Ascarides*.

And I have had my self several Patients of above Threescore, that have voided not only the Common Worms, but Vermiculars of strange and various Shapes; and a Man of Threescore and Fourteen, that voided Seven and Twenty Worms of that sort we call *Tere-tes*; and a Woman of Threescore and Twelve, that was molested with that sort we call *Alcarides*, who by taking my Powders, voided near a Pint.

C H A P. IV.

Of the Six Common Worms, and the Bag, and the Horrid and Direful Symptoms introduced by them.

A *Symptom* may be defined, a *preternatural Affection* which follows a *Disease*, as a *Shadow* doth a *Body*; or may be sensibly joined with it, as *Head-ach* with a *Feavor*, *Ague*, &c.

Ascarides are white small slender *Worms*, in length, thickness and shape, much resembling a fine *Needle*; some are no thicker than *Hairs*; they affect the most *Inferior* part of the *Great Gut*, or *Rectum Intestinum*, and the outermost *Sphincter* of the *Anus*, where they cause a great *Itching*. *Ascarides.*

These *Worms* are the least *offensive* of any, being more remote from the *Vitals*, unless they be large; which argues they arise of worse *Matter*, and then they are dangerous. I had a *Patient*, a *Man* about *Thirty*, who was healthful, strong, and had a *Fresh Colour* in his *Face*, yet was so direfully molested with these *Vir-miculars*, that they eat *Holes* in his *Fundament*, and lodged themselves in the *Flesh*: Notwithstanding in a *Weeks* time, by taking my *Powder*, he had avoided *Three Pints*; that at last I was forced to use my *Ointment* to the place, and so destroy them, for no *Purge* could prevail, or remove those that lurked in the *Con-caves*.

Teretes are *Worms* much like unto *Earth Worms*; there are *Two* *Teretes.* *Kinds*, the *Red* and the *White*; the *Red* are most common, but the *White* are more dangerous. They affect the *Upper Intrails* and *Small Guts*, being therein *Generated*: Whence sometimes, by the *Pilorus*, for want of *Food*, or by some other occasion, they creep into the *Stomach*.

They many times cause very direful *Symptoms*, as violent *Pains* in the *Bowels*, *Sides* and *Back*, *Dulness*, *Pains* and *Heaviness* in the *Head*, *Iliack* and *Cholick Passions*, &c. If they come from any *Body* on a *Crisis*, it is a good sign; but if at the beginning of a *Disease*, it is bad, whether they be evacuated *Alive* or *Dead*, specially if alone, without any mixture of *Excrement*: If they be alive, it notes abundance of *Crudity*, want of *Nourishment*, and *Malignity* in the *Distemper*: If dead, much *putrefaction* which hath
killed.

killed them, and is a bad *sign*; arguing their *Expulsion* to be rather from the *Disease*, than *Nature*; or if they come away of their own accord, it notes either the multitude of them, or that the *Patient* being for *Death*, by an *Instinct*, leave their *Habitation* to seek better. But if they are *evacuated* on the declining of a *Disease*, it is a good *Sign*, arguing *Nature* prevails, and that *Health* is like to ensue: If they are *bloody* when they come out, it argues the *Intrails* are corroded with them.

Latus.

Lati Lumbrici, are broad, long jointed *Worms*, they affect the *Blind Gut* and *Colon*, being ingendred in the Cells thereof, and will sometimes extend themselves through the whole *Intrails* a prodigious length; there are two kinds common, the *White* and the *Red*, but in my Practice I have met with a *Third*, which was of an *Orange Colour*, and *Twelve Foot* in Length, having young *Worms* at every Joint, to the great *Amazement* of all the *Spectators*: The *Gentleman* who voided it Lived at the *Weavers-Arms* in *White-cross-street*. It came away by taking one Dose of my Powder.

Such as
are trou-
bled with
these
Worms,
ought to
decline
eating of
Wheat-
Bread.

These long flat *Worms* will sometimes lie many Years without doing any Harm, so that People are not sensible their Bodies are a Seminary for such Vermin (if they were, certainly they would use Means to destroy them) at other times they occasion many horrid Symptoms; as Feavers, Dropsies, Consumptions, &c. and sometimes Death it self.

* And yet
I believe
I have not
seen the
tenth Part
of what it
hath
brought
away.

I have seen many of this sort of *Worms* called *Latus*, which my Powder hath brought away above a Hundred I am sure *, (among which were not above Five or Six of the *Red*) yet never saw one with a Chain down the Middle; but with a spot between every Joynt I have, and have some by me now: Yet by reason I had it from the Learned Doctor *Ramesey*, I have continued it in my Books until this impression.

Riverius.

In former Ages, the Worm *Latus* was lookt upon a Wonder, inso much as a famous Physician tells us, That it was rare if a Man in his whole Practice, or Life time met with above Two or Three such Examples, by which it is manifest what a *Corrupt, putrid, viscid matter* is now introduced into Mens Bodies, to what there were in former Times.

Cucurbitini.

Cucurbitini, is look'd upon by most Authors to be no Worm of it self, but pieces of the Long flat Worm; but in this they are mistaken, for it is not the Piece of any Worm. My Powder hath brought

brought them away whole, both *Head* and *Tail*: Besides, they are not of so pure a *White*, nor of the same Nature, for exposed to the *Air*, they soon consume. The longest I ever saw was about *Fifteen* or *Sixteen* Inches in length; they are bred in the *Colon*. *Cucurbitini*
is no piece
of a Worm

These *Worms* are very dangerous, yet not so bad as the former; I have known some so molested with the *Cholick*, through these *Vermine*, that they have not been able to stand up right for some Hours. They cause *Cold* and *Damp Sweats*, *Flushings* all over the *Body*, *Convulsions*, &c. *Symptoms*

Echis, is a small *Worm*, a Shape resembling a *Viper*, or *Adder*; it is about the length of a *Man's* *Finger*, round, but seldom thicker than a *Great Pin*, and for the most part of a *Cinnamon* Colour, excepting the *Head*, which is commonly *Black*, *Square* and *Sharp* towards the end, being thicker than the *Body*, and sometimes from the *Body* will issue forth divers *Strings* or *Fibers* at a good distance one from the other. They are Generated in the *Upper-Intrails*, and will sometimes creep into the *Stomach*. *Echis*
The Shape
and Bigness
Wherege-
nerated.

These *Worms* are very pernicious, but do not much affect *Youth*; I never knew but one *Child* that was molested with them, but many *Elderly People*; they are very brisk and lively when first voided, yet live not long; they are of a *Hot Nature*, with *Aridity*, and soon fade, yet will keep their Shape a considerable time, when *Cucurbitini*, &c. being of a *Cold*, *Moist Nature*, when exposed to the *Air*, turn to *Jelly*, so to *Water*; and loose their *Substance*. *Children*
not subject
to them.

These *Worms* are very incident to *Scorbutick Bodies*, and often occasion violent *Inflammations* in the *Belly* and *Reins*, intollerable *Pains* in the *Head*, and dimness of *Sight*: I know a *Woman* of *Quality* that was almost *Blind* by these *Vermine*, which when my *Powder* had brought away about *Fifty* of them, she recovered her *Sight*, and still continues well. *Symptoms*

Hirudo, are *Worms* about an *Inch* long, some not so long, *White*, and not very *Broad*. I have seen Three sorts of those, tho' not much differing in *Shape*, *Bigness* or *Colour*, only thus; That sort from whence they take their Name, will sometimes extend its self Two or Three *Inches* in length as it moves, just as a *Horse-leech* doth, and sometimes broadways; the other cannot extend its self, or alter its *Shape*. The Third sort is in all respects like the former, only it hath a *Vent* in one side: They are Generated in the *Blind Gut*. These *Worms* *Hirudo*
Three
sorts.

Wherege-
nerated.

Symptoms.

Worms introduce the same *Symptoms* as attend the *Worm Latens*, but are not so dangerous, neither do they trouble *Children*, unless they be *Hereditary*. I had a *Patient*, a *Man* about *Forty*, that was molested with *Anasarca*, a *Dropsy* so called, who voided *Six and Twenty* of these *Worms*. And a *Young Lady* just entring into a *Consumption*, who by taking my *Powder* evacuated *Nine*, and recovered. And as I was inform'd, a *Young Man* at *Westminster*, about *Eight Years* since died of them. And many such *Examples* you may find in this *Book*, tho they are look'd upon by some as *Hyperbolical*, others again by direful *Experience* confirm them. And it is doubtless a great piece of *Vanity*, not to believe that which is prejudicial to our *Health*, and instrumental to our *Death*, were it only probable, but the fatal consequence of *Worms* is manifested, not only by the *Records* of *Ancient* and *Neoterick Authors*, but in our *Bills of Mortality* you may see *Worms* in the *Dead List*, with other *Diseases*, the most of which *Diseases*, to speak the truth, are but *Symptoms* of *Worms*. For how many do we find killed by these *Vermin*, the cause of whose *Death* would never have been known, had they not been disbowelled for *Embalming*.

Now were all *People* that die to be opened, what a *multitude* in one *Year* should we find die of *Worms*; which would confirm the matter in hand, open the *Eyes* of the *World*, and satisfy all.

The Manner and first forming of the Bagg of Worms.

The Bagg.

This *Bagg* or *Skin* being at first a *Chaos-like Lump* of *Corrupt Viscid Matter*, hath its *Origination* before the *Worms*, and it may be *Nature* might project it for a great *Worm*, which appears by its dilating of its self into so thin a *Substance*, but the *Putrification* being too cold and humid, was not able to finish the whole *Worm*, so that what *Vital Principal* it retained, is attracted to a small compass in the middle, or some other part where the first *Worm* is animated, and as this *Worm* doth multiply, their *Increase* and *Motion* gradually opens and extends the *Skin*, and forms it into the Shape of a *Bagg*, or *Bladder*, as some call it, having small *Strings* or *Veins* which strengthen and assist it in all its *Dimensions*; also a *Vent*, through which (I suppose) *Nourishment* is conveyed to the *Worms*, which sometimes are innumerable.

Those

Those that will observe, may often see, in an Oak or a Willow Leaf, in the middle, or sides of it, a red rising or hard *Knob*, in which, if opened, they may find a small Worm: In the same manner is the beginning and first forming of the *Bagg* of *Worms*, only they multiply, and that in the Leaf abides single.

You may see in *May* and *June*, upon Trees, and on Boughs in Hedges, Hundreds of *Worms* enclosed and made up together in white Stuff, somewhat like unto that of a *Spiders Web*: I have seen them as big as ones Fist, which at the first are no larger than a Pea. These *Worms*, when grown almost innumerable, and come to their full Maturity, break through their Confinement, and prove destructive to their Habitations, disrobing those Trees whereon they were bred and Nourished: And the very same Game is played by those *Worms* which affect Humane Bodies.

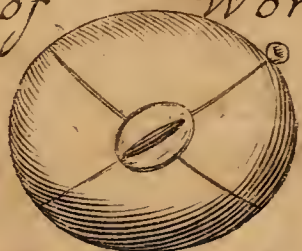
The Bag of *Worms* are generated, as well in the upper as lower *Intrails*, these *Worms* are usually of a dark brownish Colour, sharp at both Ends, in shape and bigness resembling a Barley-corn. They affect both Sexes, and all Ages except Infancy.

These Vermin will cause shortness of Breath, a dry Cough, a feavorish kind of a Heat over the whole Body, in many Somnolency or Sleepiness; others are Sick and uneasy at their Stomachs all the time the Bag is filling, and must be very apt to receive any infectious Impression, which makes the *Symptoms* various that attend these Bags of Vermin.

About Three or Four years since a Gentlewoman, by taking my Powder, voided by Stool, one of these Bags of Worms: Six Months after, finding her self not well she took some more, which brought away one of these Skins or Bags, that had only one live Worm in the middle of it, and about it were certain Seeds, or small round Bubbles, which is probable, in time, would have been *Worms*: and many such Examples you may find in some of my former Books: But Bags of *Worms* are so common in this Age, that there is hardly any Body that hath not seen or heard of them; yet no Physician, either Ancient, Neoterick, or Modern, (as I have read) say any thing of them, only Dr. Ramsey tells us of such a thing from *Amatus Lusitanus*.

Latus

The manner & first forming
of the Bag of Worms.



Cucurbitini.



Ascarides.



Teretes.



Echis.



Hirudo.



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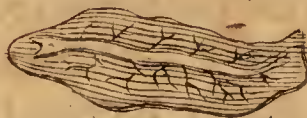
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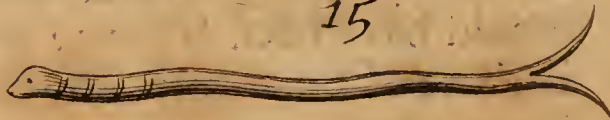
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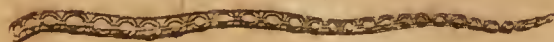
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12



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C H A P. V.

Strange and various sorts of Worms destroy'd by my Powder.

THAT *Worms* are multifarious, is manifest enough, not only in many Bodies, but sometimes in one single Body, we find *Worms* of several Species and Shapes.

Mrs. Hall at the Salmon and Ball in Long-Alley in More-fields, by taking my Powder voided Three *Worms*, Two of which are hard, shining, and scaly on their Backs, having Horns, and several Legs, and about the bigness of Beetles, but not so thick; the other is a small slender *Worm*, whitish, having Two Horns, and abundance of Feet, I have them by me still, the shapes or resemblance of which you may see marked. 1. 2. 3.

1. 2. 3.

A young Gentleman of about Three and Twenty, being direfully molested with an Ague, for almost Two Years, and often feeling something stir within him, took some of my Powder; the Third Dose caused him to expel a strange sort of a *Worm*, of a kind of a woody hard Substance, and yet alive, being of a blackish Colour, and a monstrous Shape; after which his Ague left him. 4.

An ancient Gentleman of above Seventy, being tormented at certain times with a violent Pain in his Bowels, and much affected with *Anorexia*, loathing of Meat, by taking my Powders, voided by Stool Five *Worms*, each being about Seven Inches in length, flat, narrow, rough like a Seals-skin, and of an amber Colour; which were the unknown cause of his Grief. 5.

A Ladies Daughter, about Six Years of Age, being much molested with intollerable and unusual Pains at her Stomach, and Languishing under divers Disaffections of the Head; the Lady having been at great Charge and Trouble to obtain her Childs Health, but in vain, no Means taking effect, she gave her some of my Powder; at the Second Dose she evacuated upwards a *Worm* Four Inches long, it was red as Scarlet, and in Links like a fine Chain; after which the Symptoms vanish'd. 6.

A Woman of about Thirty, Living at the Three Tobacco-pipes in Lickapon-street, was miserably macerated with *Worms*, and by the efficacious Vertue of my Powders, voided some Hundreds 7.

of several Shapes and Magnitudes, some of which were very white flat, and about an Inch in length, having black Horns at each end, but soft. She laboured under many direful Symptoms; as Asthmatick Grievances, cold and faint Sweats, Pains in her Stomach, Back, and Bowels, and had such an inbecility in her Joints, that she was not able to go, but came first to me on Horse-back, behind her Husband.

8. A young Gentlewoman not full Sixteen, for some Weeks together, was very disconsolate and pensive, contrary to her natural Disposition, and sometimes would be possess'd with strange *Melancholy Passions*, insomuch that she was watch'd, for fear she should make away with her self. They gave her my Powder Three Days successively; the last Dose expell'd Sixteen *Worms*, each being about an Inch long, of a yellowish Colour, flat round Heads, and their Tails resembling those of small Fish, after which those vain dolorous Thoughts left her. I have some of the *Worms* by me now, as I have of most that I mention here.
9. A Person of Quality, who had been lately cured of the French Luce, had a most intollerable Pain in his Stomach, and a Tumefaction in the Region of his Liver; for which he could have no Redress, till taking some of my Powder, he voided, by Stool, multitudes of *Worms* (flat, broad, and of a redish Colour, finely veined with Black) which freed him of all his Pains.
10. A Gentlewoman above Forty, being often pestered with the *Epilepsie*, Falling-sickness, and several other disaffections of the Head; also with *Opthalmia*, Inflammation of the Eyes, with a Dazling kind of a Shining therein, being advised to my Powder, voided Two *Worms*, after which those Symptoms left her: The *Worms* were an Inch and a half long, of a scaley Substance, round at both Head and Tail, and sharp hard Feet, in shape something like to the Fins of small Fish.
11. A Boy of about Ten years of Age, was much molested by fits for Ten or Twelve Days with *Singultus*, the Hicket, which is a violent and vehement motion of the Stomach, whereby it doth strive to expel such things as do rest in the Tunicles, and in the Body, and is caused by a fullness and redundancy of Moisture, as we may sometimes see in such as are full of Drink; the Child all this time was very positive that he felt something stir within him; They gave him some of my Powder, and he evacuated upward Seventeen *Worms*, small, roundish, and flat,

of a yellowish Colour, not much unlike flat Seeds, yet they were alive: The Distemper left him within half an hour after.

A Womans Child, about Two Years old, living in *White-Fryars*; had been long sick and worn away to nothing but Skin and Bone, infomuch that the Woman dispaired of her Childs life) but by the blessing of God, giving it some of my Powder, it voided by Stool a great many Worms, small, broad at the one end, and something sharp at the other, of a brownish Colour, and a great many small Legs on each side. And being freed of those Vermin the Child soon recovered its Flesh. 12.

A Lady near Sixty, living at *Westminster*, being much affected 13. with the Cholick, also Vapours, and other Disaffections of the Head, taking my Powder, which is a great *Specifick* against *Wind* and watery Humours; for which reason she took it, not imagining Worms to be the cause of her Grief. The Third Dose she expell'd four long slender white Worms, each having a Head like that of a Pike, with a Mouth open; they lived not long when exposed to the Air, and when Dead, soon turned to Water. The Lady hath not been since troubled with any of the afore-said Symptoms.

A Person of Quality, that was often molested with a Palpitation at his Heart, and sometimes would have a Trembling over his whole Body, for which he had tried several Medicines in vain, (the Physicians not knowing the cause of his Grief) till taking my Powder, he evacuated a Worm all over hairy, like unto a Catterpillar, only it had no Feet, and had a Horn on the Head, which was hard knotty, like a Stags Horn, but very small, and in shape like a Cock's-spur: I have the Horn still, but the Worm consumed. 14.

A Young Gentlewoman that was much troubled with *Morbus* 15. *Regius*, the King's-Evil, also sudden and violent pains at her *Stomach*, for which she took my Powder, and finding Ease, she proceeded until she had taken six Doses; the last Dose she voided by Stool a Worm about seven Inches long, round, of a Dark Brown Colour, having Three Joints from the Head, and a forked Tail; so the Pains left her.

A Girl of Ten Years of Age, molested with a Diabetes, involuntary Pissing, and withal a *debility* and *inflammation* in the Reins; 16. by taking my Powder did evacuate by Urine some hundreds of small white Worms, no thicker than Hairs, and afterwards by Stool

Stool a Worm full Eight Inches Long, Round, the Head or Nose turning up, with a kind of a Belly in the middle of it, and of a Redish Colour.

17. A Woman of Quality being long tormented with Pain at her Stomach, and a short dry Cough, by taking my Powders, voided by Stool a *Worm* Sixteen Inches long, it was white and round, having a large round Bag at the Tail, else it was like that sort we call *Teretes*; after which the Symptoms left her.
18. A Gentleman's Son in *Prescot-street* in *Goodman's-fields*, by taking of my Powder, voided strange *Worms* with round Heads, and short Necks or Bodies, for they had no other, from whence issued forth a Tail streight, smooth, and no thicker than a small Thread; they were of a dark brown Colour, their Heads in shape something resembling those of Lions, being shag'd or rough all all over, yet the Shag was not Hairy, but of a fleshy Substance; they lived Three days, and were like that mark'd 18, but their Tails and Necks were not so long. A Person living next Door to the aforesaid Gentleman, by taking of my Powder voided a great many *Worms*, and of several Shapes. And a Gentleman in *Ally-street*, in the same Fields, by taking of it, voided a *Worm* as thick as ones Finger, having two Heads, and all these in a Week or a Fortnights time.

CH A P. VI.

Of the Plague, shewing Worms to be the Natural Cause, &c.

THE Cause of the Pestilence is either Supernatural or Natural. Supernatural is when without the concurrence of Natural Causes, it is immediately sent from God, as a just Punishment for the Sins of Mankind; and this not only Christians and Jews, but even Heathens, Priests, Philosophers, Poets, and Physicians have acknowledged in their *Writings*.

It is also sometimes caused by Witches, though to some it may seem fabulous; yet it is related out of *Hercules Saxonia*, by that Wise and Learned Author *Sennertus*: I had (saith he) a strong Argument to confirm this thing; but because it did seem to exceed

ceed all Credulity, I did not dare to publish it: Namely, that in *Poland* and *Germany* the Plague is sometimes caused by certain Witches, when they are first Dead and Buried, and doth not cease till the Corps be found and taken up; then it hath in the Mouth of it some pieces of its own Grave-Clothes, or of some near adjacent Carcass (which it holds fast in the Teeth, as if it were about to devour and eat them); then they cut off the Head of it, and set it on a Pole, and bury the Corps again, and then the Plague ceases. This, because it seem'd to pass my Understanding, I did not dare to write, but afterwards confirmed by manifold Testimonies; especially of the most Learned Dr. *John Ursinus*, I did not doubt to publish it, the said *Ursinus* having seen it with his own Eyes at *Rzesna* in *Poland*, in the Year of our Lord 1572.

*Witches
the Cause
of the
Plague.*

Natural Causes proceed sometimes from Contagious Dead Carcasses, as great Putrefactions in the Air, Vapour, Exhalations ascending from Standing Lakes, and Stinking Pools; also from Gross, Corrupt, Venomous Humours in the Body, and sometimes from the Influence of Planets, Stars, and Comets; which last prognosticate Drought and Barrenness of the Earth, as well as Pestilence. Drought, because a Comet cannot be generated without great Heat, and much moisture is consumed in the burning of it. Barrenness, because the Fatness of the Earth is drawn up, whereof the Comet consisteth. Pestilence, for so much as this kind of Exhalation corrupteth the Air, the Atoms falling down infects the Bodies of Men and Beasts.

*Natural
causes.*

Among others you may take these for Prognosticks of Pestilential Years, when Roots, as *Turnips*, *Parsnips*, &c. are more luscious than in other Years: Also when Insects, and such like Creatures as proceed from Putrefaction abound more than is usual, for this argues a great Putrefaction in the Air: Also when they appear monstrous, with Two Heads or Tails; and such as these the Lord Viscount *St. Albans*, in his Natural History, attests himself to have seen, Anno 1625. in which Year there was a great Mortality in *London* and other Parts, there dying 35418.

Prognosticks.

Symptoms of the Plague, it often begins with a Cold Shivering, followed with Warmth, increasing with violent Heat, it caused Pains and Giddiness in the Head, Dimness in the Sight, and Gashly Countenance, Convulsions in the Nerves, a Stinking-Breath, a Hoarse Voice, a Sore Throat; it fills the Stomach with Worms, takes away

Symptoms.

away the Appetite, it causes Vomiting, Looseness and Bloody Flux, Stiches in the Sides, and Pains in the Back, Fainty and Stinking Sweats, Spots, Botches, Sores and Carbuncles, weak Pulse, Sounding, and Faintness at the Heart, Lethargy, Phrensie and Madness, and in some, sudden Death, who feel none of these. Neither do these *Symptoms* happen to all alike, but differ and vary according to the several Constitutions of the Parties that are affected. And as in the time of great Infection all Diseases turn to the Plague, so the Plague discovers the *Symptoms* of all those Diseases whereof it had its Beginning and Original.

Neither is there any Disease so treacherous and deceitful, for sometimes when one may think the worst is past, Death is at hand, and when Death seems to be at hand, the Party sometimes recovers beyond hope or expectation.

Putrefaction on the cause of Contagion.

It is manifest enough, that there may be Putrefaction without Contagion, but there can be no Contagion without Putrefaction; for if in all Contagion there be an *Induction*, they do then seem to consist in a kind of Putrefaction: and *Reason* also doth perswade as much, because there is no other *Evaporation* that seems more fit to the bringing in of Contagion, than that which consists, or is in Putrefaction. Thus if Contagion proceed from Putrefaction, it is easie to believe it can be no less than Invisible Worms, Effluvioms, Atoms, or what you please to call them. We read in Holy Writ, that the Leprosie of the Jews (which Contagion falls short of that of the Plague) was so virulent, that it eat through the very Walls, so that the People were necessitated to destroy their own Houses.

An Instrument so made and fitted with Glasses at each end, as the smallest thing will be presented by it, in so considerable a bigness,

Kircherus, a famous Man, living at Rome, writ a most Learned Piece in the Year 1658. the Subject of which was, That there was a sort of invisible Worms or Vermiculars, which were discovered in the last Plague at Naples, and at Rome, by the help of a Microscope: And he saith, These Worms are so fine, that they insinuate themselves not only into Cloath, Ropes, and Linnen, but into other Bodies less porous, as Cork, Wood, Bone; yea, into those which are least porous, and most compact, as Mettle, Money, &c. This he in another place tells us, they had daily experience of in the great Plague time, where no Money was received in payment, but what was first well soaked and washed in Vinegar.

that the Frame and Composure of its Parts may be discovered.

Cardan saith, The great *Plague* that fell out in his time at *Mil-lain*, which unpeopled that *City*; not only the *Air* being filled with them, but the very *Dust* of the *Earth* animated into such kind of *Vermiculars*.

Forestus relates, That at *Beneventum* in *Italy* there happened a very strange and great *Mortality*, which much troubled the *Physicians*, not knowing the cause thereof, till they had opened one of the dead *Bodies*, in whose *Brain* they found a red *Worm*. *A red Worm found in the Brain.*

Georgius Agricola writes, That in this time, a great *Plague* came by eating of *Fruit*, so that the *Eaters* dyed in a few *Days* after, which *Fruit* swarmed with multitudes of indiscernable *Worms*, which were no more than the animated *Corpuscles*, or *Particles*, flowing from *Contagious Carcasses*, and fastning upon *Trees* and *Plants*, being carried through the *Air*: But those indiscernable *Vermiculars* had been still hid from our *Eyes*, had it not been for that rare invention of the *Microscope*. *The Plague caused by eating of Fruits.*

And that the *Reader* may more fully behold the admirable *Power* of *Nature*, what hath hitherto been said, may be manifested by irrefragable *Experiments* in the following *Chapter*.

A P O E M.

AS Buds unfolded in a Shower do yield,
 Their fragrant Atoms, and perfume the Field:
 So ripe Contagion, when its Flame goes out,
 Sends its pernicious Insects all about;
 Whose subtil Bodies range the Airy Skie,
 Invisible to every Mortal Eye:
 Nor do they any prejudice at all,
 But just where their Commission is to fall:
 Their Lawless Death admits of no Delay,
 The Pious, at their Prayers, he takes away.
 And Libertine, with his Atheistick Crew;
 The cunning, tricking, busie Gownman too.
 Luxurious Courts in dark Sepulchers hide
 Their gaudy Glory and Triumphant Pride.
 The Aged on their Crutches thither crawl,
 And Youth, like Blossoms, in their Beantie fall.
 The Paths all beaten to the Grave below,
 Such crowding's there, Men jostle as they go;

D

Whilst

Whilst their pale Souls in Troops do upward fly,
 And wander in the Maze of Destiny,
 Like Birds new fledg'd and frighted from their Nest,
 They pry about, and know not where to rest,
 Till wearied, each a Circle doth comprise,
 And in that Orb take up their Paradise:
 Till Heaven's loud Trumpet doth the Summons blow,
 That Souls must to their shatter'd Bodies go:
 When the proud World shall to its Chaos turn,
 And Time and Death their awful Scepters burn.
 Thus Man, of Nature's Clay, the only Pride,
 Moulded by Sacred Workmanship beside,
 By Worms is quite unravel'd and destroy'd:
 Till Heaven's pleas'd, and the Almighty's Hand,
 Folds up the Book where Dead recorded stand.

Or Winter's cold approach obstructs the Sun,
 Whose Rays the fainter Vapours wait upon.
 When Flowers withdraw their lovely smiles, and spread
 Their humble Limbs upon their Earthly Bed;
 And Nightingales, that sweetest Peals did ring,
 Have taken cold, grow hoarse, and cannot sing.
 These Atoms then their Tragedy do end,
 And up to warmer Regions do ascend.
 Or as some Think, Contagion grows so high,
 That by their own strong Poison here they die.
 Thus just is Fate, if those that undertake
 Our Deaths, lie buried in the Wounds they make.

CHAP. VII.

Experiments of the Microscope.

EXPERIMENT I.

TAKE a piece of Flesh, and expose it by Night to the Moisture
 of the Moon, till early the next Morning; then view it di-
 ligently with a Microscope, and you will find, that all the Putre-
 faction, contracted by the Moon, degenerated into innumerable
Vermiculars, differing in bigness; but when you remove the Mi-
 croscope.

croscope, you cannot discern any by the Eye alone, unless, perhaps, some few be among them that are grown to a sensible Magnitude: You may try the same in Cheese, Milk, Vinegar, and the like Bodies, abounding with Putrefaction, yet think not 'tis to be done by any slight *Microscope*, but one made by a diligent and skilful Hand.

EXPERIMENT II.

If you take a *Serpent*, cut into small pieces, and putting it into *Rain Water*, expose it for some Days to the *Sun*, then bury it in the Earth for the space of a Day and a Night; and afterwards taking out the Parts, grown flaccid with Putrifaction, and examine them with a *Microscope*, you will see all that's putrified swarming with little springing *Serpents*; which Experiment may be performed in all kind of *Serpents*; and sometimes in dead putrified *Serpents* you will find some of them discernable by the Eye alone.

EXPERIMENT III.

Matthiolus Fuchsius, and many other *Herbalists*, declare, that *Sage* unwash'd is very hurtful to them that eat it: But I have discover'd the Cause, examining more curiously the Constitution of this Plant, by the help of a *Microscope*; at length I observ'd in those Leaves, which were more rough than the rest, that the whole Superfices was covered with somewhat like a *Spiders Web*, within which appeared *Animals* exceeding small, and which were perpetually at work therein, and certain round things, as it were *Eggs*, were spread upon the Superficies, which as it is doubtless a certain *Breed* or *Spawn* of that sort of petit *Animals*, so by their virulent humour they may do a Man a deal of Mischief; but wipe a Leaf with your Finger, or wash it, and they will disappear. From whence I collect the true Cause of the pernicious Quality of *Sage* that is not washed.

EXPERIMENT IV.

If with the *Microscope* you examine the Powder of any *Rotten Wood*, you will find a prodigious Number of *Vermiculars*, some armed with *Horns*, some set out as it were with *Wings*, and others not unlike those *Worms* that have many Feet, their Eyes also you may discern like black Points, and that they have a long
D 2
Snout,

snout, so that it appears, *Almighty God* hath manifested his own wonderful power, not only in the greatest Bodies in the World but in the Smallest, even in those Animals which are not to be discerned, by the Sharpest-Sight, having furnished every one of them with such Members, as without which they could neither move themselves, nor exercise any vital Actions. What a little *Liver*, little *Stomach*, little *Heart*, little *Nerves* and *Gristles*, must there go to the making of such invisible *Corpuscles*? The least Creature we can see without the help of Art, is a *Mite*, it resembling a little white *Punctum*, or Point, but view it with a Microscope, and it appears to us a rough hairy Creature like a *Bear*.

EXPERIMENT V.

Take a Glafs-Vial half fill'd with Water, into which sprinkle some Dust of the Earth, which will presently sink to the bottom, and so exposing the Vial to the *Sun*, in Summer-time, for some Days, let it rest without shaking until the Water begin to putrefie, then observe the bottom of the Vial, and there will arise, out of the settling of the Water, or injected Dust, certain little round *Bubbles*, every one of which, in the following Days, will be animated into little *Worms*, which will strangely frisk and sport in the Water; and being once come to Maturity, at length they betake themselves to the top of the Water, and there being in great numbers, transformed into winged *Gnats*, they commit themselves unto the *Air*, and become as troublesome to Men and Beasts in the Summer, especially by Night, as others use to be.

EXPERIMENT VI.

Doctor *Hauptman*, a German Physician, and *Kircherus*, give us an account of that terrible Disease the *Purples*, which frequently befalls Women within the Month, after Child-Delivery, and examining the matter with a Microscope, they found those petty *Kermiculars* spread upon the Superficies, in the rough part of the Skin, which is in that Disease; by which means you have here an infallible Experiment touching the Original of that most malignant Disease the *Purples*: Which is further confirmed by this, that after using all the *Bezoadick*, *Diaphoreticks* and *Cordials*, commonly so called, without any Success, they betook themselves to such Remedies as have the power to kill and mortifie the putrid Seminaries of *Worms*, by mingling them with such Remedies as were proper in the case.

E X P E R I M E N T VII.

If with a Microscope, you do but view any old Sore, Botch, or Bubo, you will find it full of *Worms*. And every living Creature out of its own Putrefaction produceth some kind of *Animals* agreeable to its own Nature, and differing from all other, which I have found in several sorts of Herbs, and may be seen by Corn animated into winged Animals. The Carcase of an Ox becomes animated into Bees; Horses generate Wasps and Scarabees; Man's rotten Carcase becomes a seminary of *Worms*: Nature is so solicitous about promoting the generation of things, that where-soever she finds a Disposition, that is, Heat with a due proportion of Moisture, there she immediately thrusts forth an *Animal*. I could here produce innumerable Instances from all sorts of living Things; but because these are enough for the proof of what I intend, I shall no longer insist on them.

C H A P. VIII.

Various causes of WORMS.

Supernatural Causes are from God and his Angels, the Devil and his Imps, Magicians, Conjurers, Witches, and Wizards.

Universal natural Causes, are from Heaven, Stars, Comets, and Planets; which some deny, who think the Stars were made only to adorn the Heavens, and Fools to gaze on.

Parents a Cause.

Air a Cause.

Meat a Cause.

Drink a Cause.

Plethora a Cause, which is a Redundancy of fulness of Blood and other Humours of the Body.

Too much Sleep a Cause.

Perturbation a Cause.

Over-watching a Cause.

Too much Rest a Cause.

Imagination a Cause.

Sorrow a Cause.

Anger a Cause.

Fear a Cause.

Cachochymia a Cause, which is an Excess of either Quantity or Quality of natural or preternatural excrementitious Humours.

Natural and Preternatural Flegm a Cause.

A bad Nurse a Cause.

Choler a Cause.

Melancholly a Cause.

Serum a Cause, which is a watery thin Humour, proceeding from the other Humours.

Sublata Causa Tollitur effectus.

To

To shew you how all these are Causes of *Worms* would be too prolix ; but as *Imagination* should be a Cause, seems strange to some, therefore I shall Treat on that.

What Imagination is. *Imagination* is that internal Sense which examines the several Species of the common *Sense*, whether of things Present or Absent, Keeping and retaining them longer, and recalling them to mind again, or making new of its own, and is free when the rest of the *Senses* sleep ; as appears by divers strange Conceptions in *Dreams* ; and is seen in *Night-walkers*, who, whilst they are asleep, will yet walk up and down, and do their Work in their Callings.

The Force of Imagination. The force of *Imagination* is seen by the marking the *Child* in the Mothers Womb. *Marcellus Donatus* tells us of one, that by looking on a Wound, brought forth a *Child* wounded accordingly. And how many Daily do we see that are marked with *Cherries*, *Strawberries*, &c. Nay, it many times causes *Diseases* and *Death* it self, as is often seen in the *Plague*, *Small-pox*, &c. And since it is manifest that the force of *Imagination* corrupts the Humours, it is not hard to believe but it may cause *Worms*, which are the off-spring of Corruption.

How the Child in the Mothers Womb becomes marked. *Paraus*, speaks of one who brought forth a *Blackamoor*, only by looking on such a Picture at such a time. If a Woman at the time of Conception, think of another Man absent, the *Child* will be like that Man, for the Species of the Object being fresh in the Memory, and strong in the Fancie, are necessarily carried down together with the Spirits into the *Seed* ; whence consequently, when the *Sperm* begins to separate, and distribute its self to the forming of the *Embryon*, and its several Parts the Spirits, which resolve into the *Brain* of the *Child*, and from hence finish all the outward Parts, do sometimes happen to fill certain places of the Childs Body with the Infection and Tincture of this Object, according to the Impression with which they were in the Mothers Fancy.

I've read of one *Sienois*, a Gentleman, that imagined that if he piss'd he should drown the whole *Town* wherein he lived, nor did not for many Days ; till his *Physicians* perceiving he would rather Diethan Piss, they set fire on a little House near him, and told him, if he did not piss and quench it the *Town* would be burnt ; so he pissing, the vain *Imagination* left him.

C H A P. IX.

Of Supernatural Causes.

I Have met with some Opposition, as to *Supernatural Causes*; but whether there be, or be not, *Christians* ought to believe it from the Testimony of *St. Luke*, *Acts* the 12th, and the 23d, *And immediately the Angel of the Lord smote him, because he gave not God Glory; and he was eaten of Worms, and gave up the Ghost.*

Cornelius Gemma gives us an Example of a Wench, about Fourteen Years of Age, who was, as if she had been possessed of the *Devil*, and at sometimes would not be held by Three Men, (such were her strong *Convulsive Passions*) who evacuated by Vomit, Twenty four Pound of Stuff, of all Colours, twice a Day, for Fourteen Days together; and afterwards, Balls of Hair, pieces of Wood, Pidgeons Dung, Parchment, Coals, &c. And after all this, Two pound of pure Blood, and then again Coals and Stones, &c. Strange Fits of *Laughing, Weeping, and Extasies*, and at length voided a live Worm by stool, like unto an Eel, of a Foot and a half long; which, he says, he not only saw, but felt: She bore this Worm (as if she had been with Child) nine Months it ingendred in the *Colon*.

Erasmus tells us a notable Story of an *Italian*, that had never been in *Germany*, whom he himself (he says) saw in *Italy*, that notwithstanding he had never been taught, when the *Moon* was in Combustion of the *Sun*, would speak the *German Tongue* most elegantly, being as one possess'd by the *Devil*; and yet was cured by a Physician, that administred only a Medicine, which expelled an infinite number of Worms, whereby he wholly lost his *German Tongue*.

Remigius mentions a Youth, who being well, and only going to ease himself. suddenly gave a loud *Screech*, and therein fell down *Dead*, and so continued in spight of all Means, inso-much as his Parents had thoughts of his Burial; but being advised by one, wiser than the rest, perswaded to desist for Three Days at least; the Third Day, about the same Hour he was taken, came to himself again; but with intollerable and grievous Pains, &c. such Concussions and Contorsions of his Body, miserably Yelling,

Yelling, Howling, and exclaiming for Three Days together, without intermission; all that while neither eating nor drinking: Till at length he evacuated Eleven *Worms* of his own accord in Bed, of the length of a Man's middle Finger, with black *Heads* and innumerable *Feet*, he continued many Years in this sad Condition; yet worse at some times than others of the *Moon*.

Now whether what you have heard, have proceeded from Natural or Supernatural Causes, censure as you please.

CHAP. X.

Signs of Worms, and Signs of Health: And Temperance in Eating and Drinking.

Diagnostick signs of *Worms*, paleness of the Face, itching of the Nose, hollowness of the Eyes, unusual Defluxion of Spittle, grating of the Teeth when asleep; Dulness, Pains and Heaviness in the Head: A dry Cough, an itching in Ano, white and thick Urine; a universal Trembling over the whole Body, a shining about the Eyes, unquiet Sleep, often Starting, lost Appetite, unreasonable Appetite, dryness of the Tongue and Lips, extension and swelling of the Belly, gnawing and biting about the Stomach, frightful Dreams, extreme Thirst, the Body decayed and lean, Fits in Children, often Vomiting, stinking Breath.

Signs of Health. The Complexion fresh or clear, moderate Appetite, quiet Sleep, the Mind chearful, Excrement yellow, Urine well coloured, the Body open, the Flesh firm, &c.

These are the Signs of Health, of which Temperance is the chief Pillar, and consists most in Meat, Drink, Sleep and Exercise, after which all prudent Parents ought to cast an Eye. But on the contrary, I have seen People force, or perswade, their Children to eat against Appetite; which as Dr. Ramsey says, is very pernicious; for if there be little or no Appetite, it is an infallible Sign, the Meat formerly eaten, or the Crudities thereof, lies yet in the Stomach or in the Veins.

And to fast too long, is as injurious, for thereby the Stomach, is filled with abundance of Humours, which will not only endanger *Worms*, but divers other Evils, for empty Veins draw deepest,

deepest, and what they first receive, Good or Bad, that they mix with the *Blood*.

Therefore *Children*, by reason of their growing, ought to eat often, but not too much at a time, nor of many Dishes, for many Dishes breed many Diseases; and Distempers, with care, are easier prevented than cured. Yet we see many by over-eating, wilfully murder themselves, dig their own Graves with their Teeth, and all to please that devouring Gut of theirs, which is the Fountain of all *Diseases*, it subverts and prevents the good Temperature of the Body, stifles the Senses and Wits, strangles Nature, being not able to digest the Meat thoroughly; whence ensue Crudities, and the Ground and Seeds of many Diseases.

Yet it is impossible to prescribe an exact Rule, as to a Quantity, for all *Ages*, *Sexes*, and *Constitutions*, when we see, by Experience, that one and the same Man cannot live in Health with the same Food, that sufficeth for Quantity at another Time; that what will suffice in *Summer*, is too little in *Winter*: That what will satisfy one, and less than that, will surfeit another, should he eat as much; therefore it is not only an idle Conceit, but a Madness, since there is such variety in Mens Bodies, Strength, Constitution, Dispositions, and manner of Living; the Quantity of Food then ought to be proportioned by no other Rule but the Quality and Condition of the Stomach; and that Measure is exactly proportioned, we may conclude, which the Stomach hath so much power over, as perfectly to concoct or digest in the midst of any Employment either of *Body* or *Mind*, and then the Body will be thereby more lightsome and refreshed.

I would have all observe the old Rule, that is, *to rise with an Appetite*, considering we have two Guests to entertain, the *Body* and the *Soul*, and that therefore we have a care that we destroy not the Power of the one, nor the Faculties of the other; for though the *Belly* have no *Ears*, yet it hath Intelligence to beg its due, and Wisdom to discern when it hath enough.

The same may be said by too much *Wine*, that brave Heroick Elevator of our Spirits, which drags the *Soul* out of its solitary and inmost Room, adorning it with vigorous, cheerful, and aspiring Thoughts; yet soon is this great Work unravell'd by the *dull, sluggish power of drowsie Sleep*. And all are Metamorphos'd, our *Souls* are the same they were, only they had been dress'd in *various Figures*.

C H A P. XI.

*Of the Four Completions.**Melancholy, Cold and Dry.*

Alustere reserved, silent and envious too,
 not quickiy angry, but when angry do
 Like fullen Serpents keep their Venom long,
 And not part with it, till the Poison's strong.
 Vain Jealousie, and Superstition wait,
 On dismal Melancholy's gloomy Fate.
 Dark solitary Groves are his Delight,
 With *Specters, Ghosts, and Dæmons* of the Night.
 Merry but seldom, yet when merry, he
 Reigns Monarch of a boundless Liberty.
 And to his doleful Cloyster doth return,
 As murmuring Rivers to their Ocean run.

Cholerick, Hot and Dry.

Unconstant, boasting, liberal and bold,
 Proud and audacious, not to be controul'd:
 Quick of Invention, but in Judgment frail,
 To keep your Counsel, let him not prevail.
 For Secrets boult, where restless Passion grows,
 And fly about in every Storm that blows.

Sanguine, Hot and Moist.

Courteous and Affable, is Sanguine's Sphere,
 Wherein he moves void of Domestick Care.
 On Mirths delightful Wings his Soul doth rise,
 Anger may grow and bloom, but quickly dies.
 With Toil and Trouble he ne're clogs Delight,
 But revels in the wanton Joys of Night.
 Courts *Venus* naked, through a Vail of Ide,
 And with warm Blushes turns the Vail aside:
 His Maiden Vices with unpractic'd Art,
 In her dissolving Arms first act their part.
 With artless Love he wins the Conqu'ring flame,
 And what he cannot act performs by Dream.

Flegma

Flegmatick, Cold and Moist.

Pale lazy Flegmatick about doth go,
 With Speeches dull, and all his motions flow :
 Lull'd with soft Peace, his quiet Soul does hate
 The blust'ring noise of Business, and of State.
 By dazling Beauties he ne're dreads his Fall,
Cupid to him's no Deity at all.

C H A P. XII.

Of Worms in Birds, Beasts, Fish, &c. And how destroyed.

I Wish all People were so Considerate as to weigh the dangerous Consequence of *Worms*, because their Destructive Effects are so cheap and easily prevented. And it is manifest, that there are many Creatures, even by instinct of Nature, make to such Remedies as are proper in the case: *Deer* feed on *Serpents* to kill *Deer* their *Worms*, by which it is said they renew their Age. And *Ducks, Teal, &c.* when troubled with *Worms*, make to the *Sea*.

Sea-Fish, when molested with *Vermiculars*, have their recourse *Fish* to *Carolina*, (by some called *Sea-feather*) and a Sea Herb call'd *Kilps*.

There is a small *Fish* in the *River* of *Thames*, &c. called a *Bleak*, in which sometimes you may find a *Worm*, much longer *Fish made by a Worm* than its self, and these sort of *Worms* make them *Mad*, insomuch as they run upon the top of the Water, and often leap into Boats, which every Waterman sees almost Daily, in *June* and *July*: Yet in the height of their Madness they seek for a Remedy, and by taking a *Fly* they kill their *Worms*.

Faulconers use the Dung of *Sparrows* to Kill *Worms* in their Hawks, and *Pulvis Buso* to kill them in their Feathers. But there is a small *Worm* which *Faulconers* call a *Grub-Worm*, which *Hawks* the *Blank-Hawks* are very subject to; they are Bred in the Guts and appear in her Mutes alive: *Garlick* and *Wormwood* kills them, but no Medicine will utterly Destroy them, by reason they are natural to them and do little harm; that *Hawk* is esteemed the Best that is most troubled with them. Alive in a Slight *Faulcon*

the *Worm* is Red, in a *Barbaric Faulcon*, white; but Dead, white from both.

Horses.

When a Horse is troubled with Worms, he will rub his Belly with his hind Foot, be very Restless, tumble up and down, and be desirous to lie on his Back: He is cured by giving him in Milk *Aloe Caballian*, *Pulvis Gentianæ* & *sal. Tartari*.

Dogs.

Whoever will give themselves the trouble of opening a Mad Dog, may find him full of Worms, (I have seen it in several) which makes me believe, as doubtless they are the only cause of their Madness: Being bred (as I conceive) by eating corrupt Meat, especially in the Dogg-days. If the Worm lies in the Head, as sometimes it doth (it is a small black Worm) then there is no cure; if otherwise, Halter him about a Post, and with a strong pair of Gloves open his Mouth, and give him in a Drenching Horn of warm Water, Common Salt and Sulphur, and it is Ten to one but in a very little time he brings up the Worms, and is well.

The cure.

Symptoms of Madness

Dogs when Mad, shun the Company of other Dogs, loose their Appetite, fear the Water, wander about, hang down their Tails, bark hoarsely, foam at the Mouth, and look angrily.

Plants.

Worms on Plants are destroyed by the Fumes of Goats-claws, Sulphur, Garlick, Galbanum, &c. Thus Man finds out Remedies to destroy them in Birds, Beasts, and on Plants, and shall he forget himself: This is severitie, a narrow and a fruitless Principle, upbraided by Neglect and Folly.

C H A P. XIII.

Some remarkable Passages as to Worms.

Insects of several sorts in the Head.

A Woman above Sixty, the Wife of one *Thomas Hatchman*, living at *Highwoods* in *Essex*, five Miles from *Ingerstone*, in the Year 1693. was strangely macerated with Insects in her Head: They appeared first like *Lice*, and did crawl out of the corners of her Eyes; and then like *Ticks*, *Bugs*, and *Catterpillers*, and came out of her Nose, Ears, and Mouth; and after like *Bees*, *Wasps*, *Flies* and *Spiders*, &c. and when they came from her did flie about the House: All being so like those which Nature yearly produceth, that they were not to be distinguished. She had a continual

continual *Pain*, a great *Noise*, and a *Stoppage* in her *Head*. And sometimes these *Insects* would lie so thick in her *Nose*, that her *Maid* pick'd them out with a *Bodkin*. She sent for some of my *Powder*, and took it, but found her *Body* clear of them. In *April* 93. I went down to see her, as many more did. I gave her an *Errhine*, which causing her to *Sneeze*, brought away several, which I brought to *Town* with me. She believed the *Cause* to be *Supernatural*, therefore was negligent, disparing of *Help*: Tho' I believe otherwise, for I remember she told me, that *Six* Years before the appearing of these *Insects*, she fell from her *Horse*, and with the fall bruised her *Head*, since which time she had always been molested with a *Pain*, and a *Noise* in her *Head*. And I verily believe that those *Insects* were animated from *Putrefaction* attending that old *Contusion*.

Mr. *Kaines* of *Kenington*, for several Years, hath been strangely afflicted with *Pains*, *Inflamations*, and other *Disaffections* of the *Body*: And by taking my *Powder* hath voided abundance of *Worms*, of strange *Shapes* and of several *Colours*, and as strange *Wormatick Stuff*, with other confused things, and pieces of *Flint-stones*, &c. And if he leaves off taking but a little time, his *Body* swarms with them again, or others as wonderful to behold; likewise *Fleas* are Animated and come out of his *Skin*. But I take his *Distemper* to be *Supernatural*, and so do most *People*, his very *Eyes* discover it so to be.

Strange
Worms, &c.
voided.

A *Person* living near to the *Sea*, and being very sick even to *Death*, as it was thought, had a great desire to walk to the *Sea-side*, and being led, he did so: When he came there, he told those that were with him, that he longed to drink some *Sea-water*, which they refused to give him, supposing it would Kill him; but he told them, he was sure he should Die if he had it not; they gave him some in a *Hat*, of which he Drank a good Draught; and in less than a quarter of an Hour after, he voided by *Stool* a *Worm* several Yards in Length, of that sort we call *Latus*, after which he soon recovered.

Latus ex-
pell'd by
Sea-water.

Near *Boghar* a *City* of the *Zagathaian Tartars*, is a *River*, which *Water*, to such as Drink of it, caused a *Worm* to breed in the *Leg*; this *Worm* is white, long, and small; it raiseth a hard burning *Swelling* or *Tumor*; which puts the *Person* affected to most intolerable *Pain*, and if the *Worm* be not killed, it proves certainly *Mortal*. But they have there an easie way of killing it.

A Worm
bred by
drinking of
Water.

I saw an *English Gentleman* that had been there, and drinking of the Water was molested with the said *Worm*. The truth of this is also affirmed in History.

*Worms
that eat
their own
way into
the World.*

Mr. *Stiles* at the *Lock and Key* in *West-Smithfield*, within these six Years, had two *Worms* which eat their own way into the World through his Bowels and Side, the least of them (as I take it) being Seven or Eight Foot long, which, if he had taken, (when he first found himself ill) such Medicines as have the Power to kill and mortify the putrid Seminary of *Worms*, he might have been living still.

*The Heart
molested.*

August 1694, a Surgeon living in *Westminster*, was sent for to the Opening and Embalming of a Gentlewoman, who had been dead at least Eight and forty Hours; when he had opened and dis-bowelled her, her Heart leaped upon the Table, as all the Spectators saw, at which the Surgeon struck his Instrument into it, opened it, and out of it took a Worm as long as a Mans little Finger, as thick as an Arrow; it had Two Heads, the one like a *Serpents*; he kept it two Days alive.

*The Worm
call'd Hel-
minthocar-
dia.*

The 7th of October 1637. Dr. *Edward May*, found in the left Ventricle of the Heart of one Mr. *John Pennant* of *St. Giles's*, a young Man of 21 Years of Age, a *Worm* of about a span long, of the thickness of a Mans Finger, having a *Red Head*, of the shape and form of a *Serpents*; the Body thereof white, and the Skin splendent, as if it had been varnish'd; divided towards the Tail into Two Branches or *Thighs*, of a fleshy Colour, of the length of a Mans Finger, especially the Right Branch, which was something thicker than the Left, at the end of which Branches on each side, there streamed forth five long *Fibers*, *Strings*, or *Nerves*, something longer than the Branches, but shorter than the Body of the Worm it self; these *Fibers* clasped about his Heart, and the Worm was taken from it alive.

Dr. *May* hath writ a whole Book on this Worm, wherein he calls it a *Monster*. There you may see the direful Symptoms that attended, and the end of this poor Creature, neither he nor his Physicians knowing the Cause of his Death. Therefore, says the Learned Dr. *Ramsley*, I do advise all Men, Patients and Physicians, in every Distemper to suspect these *Vermin*, the Grand Devourers and Destroyers of Mankind.

C H A P. XIV.

*Of Cosmeticks Remedies for deformity of the Skin, &c.**For Spots in a Child's Skin.*

DIP a linnen Rag in White-Rose-water, and in Frosty Weather hang it out to Freeze, and apply it to the place; in a few times doing it will take away the Spot.

For the same.

Take *mustardseed* and Chew it in your Mouth fasting, and put it on the Spot, and let it dry on, and repeat the same as you see occasion. I have known *Easting spittle* alone take out *Freckles* by often using of it.

To take away black and blew Spots or Swellings that come with a Blow.

Bruise the Roots of *Solomons-seal* with the Oil of white *Lilly-roots*, and apply it; it will take them away in Two Nights; and if applied in time, will prevent a Blow for turning Black. Or you may use the Roots bruised alone.

To take out Freckles.

Take the Leaves and Roots of *Madder*, bruise them, and apply them going to Bed; repeat the same for some Nights together; it is an admirable thing. *Bulls*, or *Bucks Blood* laid warm on the Face going to Bed, and in the Morning wash it off, effects the same, if often used. And I am apt to believe, that the *Blood* of any other living *Creature* may be as powerful, if laid on warm.

An admirable Water to whiten the Skin, &c.

Take the best *Myrrh* and *Olibanum* (in fine Powders) of each an Ounce, the Flowers of white *Lillys* two Handfuls, Juyce of *Briony-Roots* two Pound, *Spirit of Wine* one Pound; put all in a Glasse close stopt, and set it in the Sun for Twenty Days or more, shaking it very well once every Day, and then Distil it in Glasse, in Sand or Ashes. It is an excellent *Cosmetick* and whitens the Skin exceedingly, preserves it, prevents and takes out Wrinkles. You may preserve any dead Body many Years in this Water.

For

For a Red-face.

Take a Pottle of *Smiths-water*, *Elder-leaves* two Handfuls, or the middle green *Rind*, *Sage* a Handful, *Allum* four Ounces, boil all together till it come to a Pint, and keep it for use; anoint the Face with it going to Bed, and in four or five times you will find the Effect. It will Cure *St. Antonies-Fire*.

To cause a natural Red Colour in the Cheeks.

Take the dried Roots of *Aron* in Powder, and *Ceruss*, of each a Dram, mix them, and with a little *Rose-water* make an Ointment; and when you go to Bed, with a hair Pencil lay some of it on your Cheeks, it will soon dry, in the Morning wash or rub it off. This in some will cause a lovely Red Colour. I know a beautiful *Lady* that lets it lie on only an Hour in the Morning while she is Dressing, and has a most delicate Colour all Day; in some it holds a Week or more, it takes as well with elderly as young People, and cleanseth the Skin where it lies. *Aron* is that which some call *Cucko-pint*, and *Wake-Robin*.

A Dentifrice as it was made for the Queen.

Take *Orris Root*, *Mother of Pearl*, *Cuttle-bones*, *Pomistone*, *Alabaster*, *Coral*, all in fine Powders, of each four Ounces, mix them and 'tis done. This is esteem'd by all the Court as an admirable thing to preserve, clean, and whiten the Teeth. If you would have it look white you must use white *Coral*, if red, red *Coral*, and put in eight Ounces.

Of Dentition, breeding of Teeth.

Dentition is a violent Work of Nature, which Eruption many times causeth intolerable Pain, and Diseases not intended by Nature, and sometimes Death it self.

It hath been known, tho' very rare, that *Infants* have been born with Teeth, but for the most part they break out about the sixth and seventh Month, in some sooner, in others later. And when Teeth come slowly and blunt, they cut the Gums more difficultly, which doth cause great Pain, and sometimes grievous Symptoms. A continual Feaver, sower Vapours, Looseness, Dysenteries, Convulsions, and other Evils. In some a little Cough, by reason of a Defluxion in the Mouth.

The Cure is, in a cool Diet of the Nurse, and the Pap kept cool, which much refreshes the Child.

Take

Take the Juice of *Night-shade* half an Ounce, Oil of *Roses* six Drams, unsalted *Butter*, washt in *Lettice-water*, three Drams, mix them, and with it anoint the *Gums*. The fat of a *Hen*, the *Brains* of a *Hare*, the *Blood* that drops from a *Cocks Comb*, *Honey*, Oil of *Almonds*, are all good. Instruments of *Silver*, *Crystal*, *Ivory*, *Coral*, a *Lobsters Claw*, or any solid thing, which being pressed by the *Infants* biting, makes the *Teeth* cut through the *Gums* the easier.

Or take a *Henbane Root*, and of it make a *Necklace*, (when it is dry it will be very light) put it about the *Childs Neck* when it is three Months old, or when you see occasion. This is the only thing yet known for that purpose. You may Buy them in the *Town* for five Shillings apiece. Or they are made thus, Take *Henbane Roots* in fine Powder, the Juice of *Henbane Roots*, in which Dissolve some *Gum Arabick*, and with it work the Powder into a Paste, whereof make *Beads*, string them and dry them.

If a *Child* be molested with *Convulsion Fits*, hang a *Piony-Root* about the *Childs Neck*, and it will infallibly Cure.

I know these Remedies are lookt upon by some, as *fabulous*, yet let any one that is troubled with a *Diabetes*, that cannot hold their *Water*: Take alive *Toad*, and burn it in a new earthen Pot, and put the Powder of it into a silk Bag, and wear it about his or her *Neck*, and so long as it is worn, it seldom fails of curing the defect.

To make Hair grow.

Take the simple Water of *Southornwood* one Quart, Spittle of *Wine* one Pint, the best *Honey* two Pounds, the out Rinds of Forty *Oranges* cut thin from the White, put all in a *Glass-Bottle*, stop it close and set it in the *Sun*, or near a *Fire*, for three Weeks or more, shaking it very well once every Day, and then in a *Glass-Still* draw it off. When you use it dip a *Sponge* in it tied to your *Comb*; it is an excellent thing to make hair grow, and prevents the falling of it, and wonderfully comforts and refreshes the Head, Brain, and all the *Animal Spirits*.

The best Powder for the Hair.

This is made of a fine *Moss*, like *Lace*, it runs along the *Ground*, and grows on *Heaths* and *Barren places*, and at the bottom of *Shrubs* and *Bushes*; it is only to be dried and powdered. You may perfume it by beating a little in a Mortar with *Musk*, *Amber*,
F Roses,

Roses, or what you please, and then mix that with the rest. Or else by putting into it some drops of Oil of *Jessemin*, *Orange*, &c. This Powder is of a light *Ash Colour*, but looks as well in the *Hair*, or better than the whitest. It is chiefly used by Persons of *Quality*, being sold for *forty Shillings* the *Pound*. It is very light, hurting neither the *Head* or *Hair*, as those made of *starch* do.

To take away Wens.

Take a good quantity of *Snails* and Boil them well in *Water*, and when the *Water* is cold take off the *Fat* with a linnen Cloth, and apply it to the *Wen*, and it will waist it in a short time, if you often repeat the same.

Another. Take *black Sope* and mix it with the Powder of *un-slacked Lime*, and anoint the *Wen* with it, and keep a linnen Cloath to it and it will consume and waist it quite away. If you cannot get *Black Sope* take *Barel Sope*.

To Take away Warts.

Take *yellow Oker*, mix it with *Water*, and when you go to Bed anoint the *Warts* with it, let it dry, and put on a pair of *Gloves*, in the Morning wash it off; in a few times doing they will be gone.

Or, take a piece of *fat Bacon*, and rub the *Warts* very well with it, and then hang it in the *Sun*, and there let it dry: In a few days the *Warts* will be consumed and gone for ever.

Or, take the Leaves of a *Fig-Tree* and rub the *Warts* with them, and afterwards bury them in the *Ground*, and they will be gone insensibly.

The *Milk of Spurge*, the *Juice of Mint* and *Marigold Leaves*, any of these are effectual in taking away *Warts*.

For a burn or a Scald.

Take *Aqua Calx* (which is a *Water* made of *Lime*, you may have it at the *Apothecaries*) and *Linseed Oil*, of each a like quantity, put them into a *Glass Bottle* that will hold three times as much, and shake it till it comes very thick, and 'tis done. This, by anointing will certainly cure any *Burn* or *Scald*. Or, take the *Gum of Juniper*, and dissolve it in *Spirit of Wine*, in a *Bottle* by a *Fire*, as they make *Varnish*. And this will also cure any *Burn* or *Scald*.

For a Tetter or Ring-worm.

Take one part of *Plantane Water*, and two parts of the *Brine of Powder'd Beef*, mix, Boil, and Clarifie them, and 'tis done. And will cure by washing with it any *Tetter*, *Ring-worm*, or *spreading Sore*.

For

For the Itch.

Take Oil of Bays, without Quick-silver, Powder of raw Brimstone, Oil of *Amber*, mix the Brimstone and Oil of *Amber* into the Body of an Ointment, and then mix that Ointment with the Oil of Bays, and use it warm at Night, going to Bed. But first purge. It will effect a Cure speedily, without Danger, and hath no ill Smell.

Or take Oil of *Amber* and Balsam *Peru*, mix them and anoint with it. This cures and hath a fragrant Scent.

C H A P. XV.

Directions for the Taking of Pulvis Benedictus, &c.

I. **A**N Infant of Six Months old, so upwards to a Year, may take half a Paper in the Morning; you may give it in a spoonful of Breast-Milk, and let it take it two or three Mornings together; which with the same Quantity of Night Powder, taken at Night, may effect a Cure, not only as to Worms and vermiculous Matter, but in any other Grievance or Disease incident to their Age; tho' if you find they do require more, proceed and give it, only intermit a Day; for the Medicine is so safe you need not fear any Prejudice by it; and an Infant of Two or Three Months old may take the same.

*How taken
by Infants.*

II. From a Year or Two Years of Age, you may begin with half a Paper; if that give not two or three Stools, give the next Morning a whole Paper.

*From a
Year to 2
Years.*

III. From Two Years of Age to Four or Five, you may begin with a whole Paper.

IV. From Five or Six, and so to Ten, you may begin with a Paper and a half.

V. From Ten to Fifteen with two Papers.

VI. From Fifteen to Twenty with two Papers and a half, or three; if your Constitution be very strong and hard to work on, you may take four; but this is very rare.

VII. So great is the difference in Constitutions, that it is impossible to propose one Dose for all, tho' of an Age; when a Child of Five or Six Years of Age will, and doth often take three Papers, and

*The difference of
Constitutions.*

shall have with it no more Stools than a Man that takes the same Quantity, therefore I do advise you to begin with a low Dose, till you know the strength of your Constitution, and keep to that Dose which gives you three or four Stools.

*The Dose
to keep to.*

*How often
taken.*

VIII. You may take it three Mornings successively, and then intermit a Day, and so continue till the Cure be effected, which will be in a few Days. But for Men and Women, they may take it six or seven Days without intermission; if the Wormatick Matter be so obstinate as to require it, *and they have Strength to go through it.*

*In what
taken.*

IX. You may take my Powders in a spoonful or two of Beer, Ale, or Claret, in the Pulp of an Apple, or in a spoonful of any Syrup, for in Syrup it will mix the best, and in that Children do take it more willingly.

*What taken
after it.*

If the Child be Feaverish give it in the Syrup of Purflain, Plantane, Violets, Succory, or Endive.

*Confine-
ment in
taking it.*

X. It must be taken early in the Morning, and fast two or three Hours after it, then give warm Broth, or Water-gruel, this Liberty I give to Children by reason of their often craving for Victuals; but elder Persons must fast till Noon, and if they drink any thing in the working, let it be warm Purle, or Posset-drink made of Purle.

*To hasten
the Opera-
tion.*

XI. Children, the Morning they take it, must keep the House, but if the Weather be fair and warm, after Dinner they may play abroad, or go to School. Elder Persons may go about their Occasions, provided they go warm, and keep their Feet dry.

*Of view-
ing the
Stools.*

XII. If the Dose taken do not work to answer your Expectation, boil a little Senna in some Ale, and drink the Ale warm and it will hasten the Operation.

XIII. Be sure you view the Childs Stools in the taking of it, and three or four Days after it has done taking, for sometimes Worms come away dead at that distance of time.

*The Ver-
ues of
Pulvis Be-
nedictus.*

XIV. This excellent Powder, which is more like a Miracle than a Medicine, is so gentle in its Operation, that it seldom makes the youngest Child Sick, unless the Stomach abound with Crudities. It enriches and sweetens the whole Mass of Blood, carries off all Gross, Corrupt, Putrid Humours; creates a fresh and healthful Complexion in such as are defective by any Wormatick Matter. And so pernicious are these Vermin, that there is hardly any Age, Sex, or Constitution, but are subject to them; nor part of us, but they do effect. For

For there are no Humours but may putrifie one time or other, which putrid Matter retaining a vital Principle, having a humid kind of Heat, apt for Generation, produceth Worms, which if not, Putrefaction hath certain Seminals, or Seeds within its self, that are as pernicious as Worms can be, and cause the same Diseases as Worms actually existent. But this precious Powder destroys, not only Worms, but all manner of vermiculous Matter: For where no Worms appear, it effects a Cure, if taken in time; and in a word, is the only Specifick yet known.

It is a great Diuretick, cleansing the Reins of Slime, Sand, or Gravel.

It expels Wind, and is a sovereign Medicine in the Cholick and Gripping of the Guts.

It alays and carries off fower Vapours, which occasion many Disaffections in the Head.

It opens all obstructions of the Stomach, Lungs, Liver, Reins, and Bladder: Causes a good Appetite, and helps Indigestion.

In Rheumatisms, Ptfick, Asthma, or shortness of Breath, it hath been found very successful.

It mightily prevails in the Rickets, and hath straitned the Bones, tho' the Venom in that Disease is lodg'd in the Spinal Marrow, from whence it is called *Rhachitis*. It is a great Alexipharmick, as in the Plague, and all Pestilential Diseases.

And I hope all ingenious Persons are satisfied, that, that Medicine which works upon such Humours, will almost reach any Distemper, if not too far gone, since Corruption and Putrefaction are the Fore-runners and Introducers of all Diseases: Therefore no better Physick can be taken, for all Ages, Sexes, and Constitutions, from the Womb to the Tomb.

My Tincture.

My Tincture is prepared of the same Ingredients that my Powder is made off; and its Vertue and Efficacy is the same, as well in other Diseases, as in Worms and Vermination; but it is something quicker in its Operation, and more easie to take.

A Child of a Year old may take Fifteen or Twenty Drops. From Two Years to Four, you may begin with Twenty Drops; and so encrease the Dose as you think fit. From Four to Seven or Eight, with Thirty or Forty; so upwards, with Forty, Fifty, Sixty,

ty, or more. A Man, or a Woman may take a spoonful, if they be strong and hard to work upon: Begin with a little, and increase the Dose as you see occasion.

You may take it alone, or in a spoonful of warm Ale, Beer, or Wine. Take it early in the Morning, and observe the same Rule and Method as in taking of the Powder.

An Ointment for the Worms.

A little of this Tincture mixed with some of *Pulvis Benedictus*, makes an excellent Ointment, for the Expulsion of Worms; the Stomach or Belly, or both (upon occasion) being anointed therewith in the Morning fasting, and at Night going to Bed.

My Vegetable Powder.

Is made all of English Herbs, and is not bitter, as *Pulvis Benedictus* is, yet it is as powerful, in all respects against Worms; Purges as well, and comes very near it in other Maladies. The Dose and the way of taking of it, is the same.

If the Worm *Latus* be very large and obstinate; that either, or both of these Powders should fail in the expelling of him; I have a Powder that I make for that particular Worm only, which will infallibly bring him away in Three or Four days time.

The Use and Virtue of my Night-Powder.

I. **T**His Powder is to be taken at Night going to Bed, in a spoonful or two of Beer, Wine, or any liquid thing, if the Party be Feverish give it in Syrup of Violets. Take the same Quantity as you do of the Purging Powder, as well Children as elder Persons.

II. It hath no ill Taste, nor doth it Purge, unless by Urine; yet it is a powerful Enemy to Worms, and by taking this at Night you give the Vermin no rest. And if it were taken those Mornings you omit Purging, it were the better.

III. It is an excellent Medicine in the Green-sickness; it sweetens and purifies the whole Mass of Blood, and is a mighty Specifick in all manner of Feavers, being a great diminisher of the Preternatural Heat; nay, it seldom, if ever, fails of Curing, if taken Night and Morning in Syrup of Violets. And taken with the purging Powder, as before directed, will reach most Diseases incident to Youth or old Age.

IV. And

IV. And whoever begins the taking of these Powders, I only desire they would be so wise and kind to themselves, as to go through with it, and not to leave off at the taking a Dose or two: Do but this and you will find the Effect answer your Expectation.

The Use and Virtue of My *Aromatical* Plaister.

I. **T**His Plaister must be laid to the Stomach hot, the Point downwards, and bound on; let it remain Ten or Twelve Days, unless it be upon case of Life and Death, then you must have a fresh Plaister every Third Day.

II. It is a great Enemy to Worms in the Stomach, discharging the same of all cold, raw, waterish Humours, and gross corrupt Flegm, which is apt for the Generation of Worms.

III. In Consumptions, its Effects has been often proved to the Satisfaction of many, applying a fresh Plaister once a Week. It gives the Stomach a true natural Heat, and is a great Comforter of the Vital Spirits. This *Plaister* will retain its Virtue at least Forty Years, and when left off, is a good Perfume to burn in your House.

P R I C E S.

Pulvis Benedictus,
My Vegetable Powder,
And Night Powder. } *Two Shillings each Paper.*

My *Aromatical* Plaister,
And Tincture, the Bottle. } *Two Shillings and Six Pence each.*

Each Paper of my Powder contains Nine Doses, Sealed with a Cheveron between three Crescents: Prepared by R. Clark, Chymist, Living at the *Golden-Ball* in *Devonshire-street*, a little without *Bishops-gate*. Where, in my Absence, is a Gentlewoman that will furnish you with any of the aforesaid Preparations.

F I N I S.

ADVERTISEMENT.

YOU may have a Water that infallibly fasten Teeth be they never so loose, even in Old Age, and cures Sores and Cankers in the Mouth; which Water being us'd with a Powder I have, makes black or yellow Teeth white as ever they were when young; which one Bottle, and one Paper of Powder never fails of doing. It prevents Teeth from being loose, keeps 'em sound, kills Worms in 'em, and fixeth 'em firm and strong in the Sockets of the J A W S. The Bottle and Paper is 3 s. 6 d. I have an Ointment that speedily cures any Scald or Scabby Head; it takes off all the Scabs in two Days time, be they never so thick. You may have an excellent Plaister, which gives present Ease, and certainly cures any Ach or Pain whatsoever, proceeding from either Cold, Heat, or old Contusion. It is a Sovereign Thing, and Performs to Admiration.

The manner and first Forming
of the Bag of WORMS.

